



U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Sheet 1 of 3

Complete if Known

|                        |                    |
|------------------------|--------------------|
| Application Number     | 10/659649          |
| Filing Date            | September 10, 2003 |
| First Named Inventor   | Swope, James E.    |
| Group Art Unit         | 3754               |
| Examiner Name          | Unknown            |
| Attorney Docket Number | 30809/82676        |

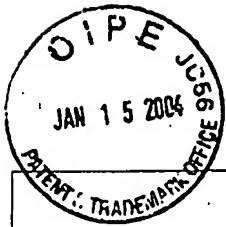
| A U.S. PATENT DOCUMENTS |          |  |                                |  |  |
|-------------------------|----------|--|--------------------------------|--|--|
| *Examiner<br>Initials   | Cite No. | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|                         |          | Number-Kind Code <sup>2</sup> (if known) |                                |  |  |
| JAC                     | A.1      | 4,190,477                                | 02-26-1980                     | Ossian, et al.                                     |  |
|                         | A.2      | 4,556,590                                | 12-03-1985                     | Martin   |  |
|                         | A.3      | 4,661,414                                | 04-28-1987                     | Kowalski   |  |
|                         | A.4      | 5,520,970                                | 05-28-1996                     | Christensson, et al.                               |  |
|                         | A.5      | 6,090,471                                | 07-18-2000                     | Abrams   |  |
|                         | A.6      | 6,165,571                                | 12-26-2000                     | Lykke  |  |
|                         | A.7      | 6,218,017 B1                             | 04-17-2001                     | Yamashita, et al.                                  |  |
| JAC                     | A.8      | 6,337,113 B1                             | 01-08-2002                     | Muggli, et al.                                     |  |
|                         | A.9      |  |                                |  |  |
|                         | A.10     |  |                                |  |  |
|                         | A.11     |  |                                |  |  |
|                         | A.12     |  |                                |  |  |
|                         | A.13     |  |                                |  |  |
|                         | A.14     |  |                                |  |  |
|                         | A.15     |  |                                |  |  |
|                         | A.16     |  |                                |  |  |
|                         | A.17     |  |                                |  |  |
|                         | A.18     |  |                                |  |  |
|                         | A.19     |  |                                |  |  |
|                         | A.20     |  |                                |  |  |
|                         | A.21     |  |                                |  |  |
|                         | A.22     |  |                                |  |  |

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| EXAMINER | JAC | DATE CONSIDERED | 6/5/07 |
|----------|-----|-----------------|--------|

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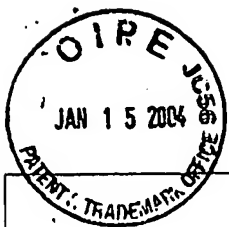
B FOREIGN PATENT DOCUMENTS

| Examiner<br>Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of<br>Cited Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>6</sup> |
|-----------------------|-----------------------|---|--------------------------------|--|--|----------------|
|                       |                       | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                |  |  |                |
|                       | B.1                   |   |                                |  |  |                |
|                       | B.2                   |   |                                |  |  |                |
|                       | B.3                   |   |                                |  |  |                |
|                       | B.4                   |   |                                |  |  |                |
|                       | B.5                   |   |                                |  |  |                |
|                       | B.6                   |   |                                |  |  |                |
|                       | B.7                   |   |                                |  |  |                |
|                       | B.8                   |   |                                |  |  |                |
|                       | B.9                   |   |                                |  |  |                |
|                       | B.10                  |   |                                |  |  |                |
|                       | B.11                  |   |                                |  |  |                |
|                       | B.12                  |   |                                |  |  |                |
|                       | B.13                  |   |                                |  |  |                |
|                       | B.14                  |   |                                |  |  |                |
|                       | B.15                  |   |                                |  |  |                |
|                       | B.16                  |   |                                |  |  |                |
|                       | B.17                  |   |                                |  |  |                |
|                       | B.18                  |   |                                |  |  |                |
|                       | B.19                  |   |                                |  |  |                |
|                       | B.20                  |   |                                |  |  |                |
|                       | B.21                  |   |                                |  |  |                |

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| EXAMINER | <i>JA</i> | DATE CONSIDERED | 6/5/02 |
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| Attorney Docket Number | 30809/82676        |

| C OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS |                       |   |                |
|--|-----------------------|---|----------------|
| Examiner Initials*                                   | Cite No. <sup>1</sup> | Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|  | C.1                   |   |                |
|  | C.2                   |   |                |
|  | C.3                   |   |                |
|  | C.4                   |   |                |
|  | C.5                   |   |                |
|  | C.6                   |   |                |
|  | C.7                   |   |                |
|  | C.8                   |   |                |
|  | C.9                   |   |                |
|  | C.10                  |   |                |

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|----------|------------|-----------------|--------|
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